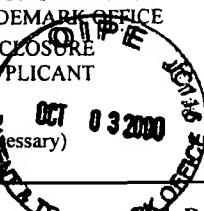


FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PHLY-24,739	SERIAL NO. 09/382,423
		APPLICANT Jeffry Jovan Philyaw and David Kent Mathews		
		FILING DATE August 24, 1999	GROUP 2755	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NB	1	4,002,886	01/11/77	Sundelin	235	61-7R2/100	OCT 2 2000
NB	2	4,365,148	12/21/82	Whitney	235	383	RECEIVED
NB	3	4,780,599	10/25/88	Baus	235	383	OCT 6 2000
NB	4	4,785,296	11/15/88	Tabata et al.	340	73+	MAIL ROOM
NB	5	4,833,308	05/23/89	Humble	235	383	
	6	4,845,634	07/04/89	Vitek et al.	364	468	
	7	4,901,073	02/13/90	Kibrick	341	13	
	8	4,916,293	04/10/90	Cartlidge et al.	235	375	
	9	4,959,530	09/25/90	O'Connor	295	383	
	10	5,038,023	08/06/91	Saliga	235	385	
	11	5,054,096	10/01/91	Beizer	382	41	
	12	5,088,045	02/11/92	Shimanaka et al.	364	468	
	13	5,111,391	05/05/92	Fields et al.	364	401	
	14	5,115,326	05/19/92	Burgess et al.	358	440	
	15	5,161,037	11/03/92	Saito	358	468	
	16	5,161,214	11/03/92	Addink et al.	395	145	
	17	5,182,705	01/26/93	Barr et al.	364	401	
	18	5,189,630	02/23/93	Barstow et al.	364	514	
	19	5,191,525	03/02/93	LeBrun et al.	364	419	
	20	5,198,644	03/30/93	Pfeiffer et al.	235	383	
	21	5,235,654	08/10/93	Anderson et al.	382	61	
	22	5,241,402	08/31/93	Aboujaoude et al.	358	406	
	23	5,243,531	09/07/93	DiPippo et al.	364	468	
	24	5,288,976	02/22/94	Citron et al.	235	375	

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✓	25	5,296,688	03/22/94	Hamilton et al.	235	375	
✓	26	5,304,786	04/19/94	Pavlidis et al.	235	462	
✓	27	5,324,922	06/28/94	Roberts	235	375	
✓	28	5,331,547	07/19/94	Laszlo	964	413.01	
✓	29	5,340,966	08/23/94	Morimoto	235	376	
✓	30	5,362,948	11/08/94	Morimoto	235	376	
✓	31	5,382,779	01/17/95	Gupta	235	383	
✓	32	5,386,298	01/31/95	Bronnenberg et al.	358	403	
✓	33	5,398,336	03/14/95	Tantry et al.	395	600	
✓	34	5,405,232	04/11/95	Lloyd et al.	414	280	
✓	35	5,418,713	05/23/95	Allen	364	403	
✓	36	5,420,403	05/30/95	Allum et al.	235	375	
✓	37	5,420,943	05/30/95	Mak	382	313	
✓	38	5,424,524	06/13/95	Ruppert et al.	235	462	
✓	39	5,491,508	02/13/96	Friedell et al.	248	16	
✓	40	5,493,107	02/20/96	Gupta et al.	235	383	
✓	41	5,519,878	05/21/96	Dolin, Jr.	395	800	
✓	42	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
✓	43	5,572,643	11/05/96	Judson	395	793	
✓	44	5,592,551	01/07/97	Lett et al.	380	20	
✓	45	5,594,226	01/14/97	Steger	235	379	
✓	46	5,602,377	02/11/97	Beller et al.	235	462	
✓	47	5,649,186	07/15/97	Ferguson	395	610	
✓	48	5,671,282	09/23/97	Wolff et al.	380	25	
✓	49	5,675,721	10/07/97	Freedman et al.	395	129	
✓	50	5,682,540	10/28/97	Klotz, Jr. et al.	395	766	
✓	51	5,694,163	12/02/97	Harrison	348	13	
✓	52	5,710,887	01/20/98	Chelliah et al.	395	226	
✓	53	5,745,681	04/28/98	Levine et al.	395	200.3	
✓	54	5,754,906	05/19/98	Yoshida	396	448	
✓	55	5,757,917	05/26/98	Rose et al.	380	25	

AVS	56	5,764,906	06/09/98	Edelstein et al.	395	200.49	
AM	57	5,765,176	06/09/98	Bloomberg	707	514	
AM	58	5,774,664	06/30/98	Hiday et al.	395	200	
AM	59	5,778,367	07/07/98	Wesinger, Jr. et al.	707	10	
AM	60	5,791,991	08/11/98	Small	463	41	
AM	61	5,796,952	08/18/98	Davis et al.	305	200.54	OCT 6 2000 RECEIVED
AM	62	5,804,803	09/08/98	Cragun et al.	235	375	
AM	63	5,815,776	09/29/98	Nukada	399	174	
AM	64	5,832,223	11/03/98	Hara et al.	395	200.47	
AM	65	5,833,468	11/10/98	Guy et al.	434	350	
	66	5,848,202	12/08/98	D'Eri et al.	382	306	
	67	5,848,413	12/08/98	Wolff	707	10	
	68	5,854,897	12/29/98	Radziewicz et al.	209	224	
	69	5,864,823	01/26/99	Levitin	105	14	
	70	5,869,819	02/09/99	Knowles et al.	235	375	
	71	5,905,248	05/18/99	Russell et al.	235	462	
	72	5,905,665	05/18/99	Rim	364	746	
	73	5,905,865	05/18/99	Palmer et al.	395	200.47	
	74	5,913,210	06/15/99	Call	707	4	
	75	5,915,090	06/22/99	Joseph et al.	709	202	
	76	5,918,214	06/29/00	Perkowski	705	27	
	77	5,925,865	07/20/99	Steger	235	379	
	78	5,929,850	07/27/99	Broadwin et al.	345	327	
	79	5,932,863	08/03/99	Rathus et al.	235	462.15	
	80	5,948,061	09/07/99	Merriman et al.	709	219	
	81	5,957,695	09/28/99	Redford et al.	434	307R	
	82	5,960,411	09/28/99	Hartman et al.	705	26	
	83	5,961,603	10/05/99	Kunkel et al.	709	229	
	84	5,970,471	10/19/99	Hill	705	26	
	85	5,970,472	10/19/99	Allsop et al.	705	26	
	86	5,971,277	10/26/99	Cragun et al.	235	462.01	

✓✓✓	87	5,974,443	10/26/99	Jeske	709	202	
✓✓✓	88	5,974,451	10/26/99	Simmons	709	218	
✓✓✓	89	5,976,833	11/02/99	Furukawa et al.	435	69.1	
✓✓✓	90	5,978,773	11/02/99	Hudetz et al.	709	219	
✓✓✓	91	5,991,739	11/23/99	Cupps et al.	705	26-1C	
✓✓✓	92	5,992,752	11/30/99	Wilz, Sr. et al.	235	472-01	RECEIVED
✓✓✓	93	5,995,105	11/30/99	Reber et al.	345	356	
✓✓✓	94	6,002,394	12/14/99	Schein et al.	345	327	
✓✓✓	95	6,003,073	12/14/99	Solvason	709	219 R	
✓✓✓	96	6,006,257	12/21/99	Slezak	709	219	
✓✓✓	97	6,009,410	12/28/99	LeMole et al.	709	219	
✓✓✓	98	6,009,465	12/28/99	Decker et al.	709	219	
✓✓✓	99	6,012,102	01/04/00	Shachar	710	5	
✓✓✓	100	6,018,764	01/25/00	Field et al.	709	217	
✓✓✓	101	6,049,539	04/11/00	Lee et al.	570	355	
✓✓✓	102	6,064,929	05/16/00	Perkowski	705	26	
✓✓✓	103	6,108,656	08/22/00	Durst et al.	707	10	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
✓✓✓	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
✓✓✓	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
✓✓✓	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
✓✓✓	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
✓✓✓	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
✓✓✓	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
✓✓✓	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
✓✓✓	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO
✓✓✓	F9	WO 99/63457	6/3/99	PCT	G06F	17/30	NO
✓✓✓	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO
✓✓✓	F11	JP 10188140A	12/24/96	JP	G07G	1/12	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

<i>M</i>	D1	"Group Decision Support System: Development and Application", Energy Systems, Westinghouse, Pittsburgh, PA
<i>M</i>	D2	"New Technologies in Credit Card Authentication", Pieter de Bryne, Institute for Communications Technology, Zurich, Switzerland
<i>P</i>	D3	"AVITAL, a Private Teaching System by Fax Communication", Atsusji Iizawa, Noriro Sugiki, Yukari Shitora and Hideko Kunii, Software Research Center, Tokyo, Japan
<i>ACT</i>	D4	"Document on Computer" USPS Technical Support Center, Norman, OK
<i>M</i>	D5	"Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc.
<i>M</i>	D6	"What do forward looking companies consider in their plans and developments?", A.G. Johnston, Nestle
<i>NB</i>	D7	"The Automation Synergy", Neves and Noivo, Portugal
<i>M</i>	D8	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Buffalo) and Kueberg (U.S. Postal Service, VA)
<i>M</i>	D9	"Paper Based Document Security - A Review", van Renesse, TNO Institute of Applied Physics, The Netherlands
<i>N</i>	D10	"IEEE Standard for Bar Coding for Distribution Transformers" Transformers Committee of the IEEE Power Engineering Society, The Institute of Electrical and Electronics Engineers, Inc. NY
<i>S</i>	D11	"The Stylus™-Shopping from Home", STYLUS Innovation, MA
<i>NB</i>	D12	"Distributing Uniform Resource Locators as Bar Code Images", IBM Technical Disclosure Bulletin, Jan 1996
<i>N</i>	D13	"Bar Code Method for Automating Catalog Orders", IBM Technical Disclosure Bulletin, September 1998
<i>N</i>	D14	"Bar-Code Recognition System Using Image Processing", Kuroki, Yoneoka et al., Hitachi Research Laboratory
EXAMINER <i>Melvin Benn</i>	DATE CONSIDERED	<i>1/30/03</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Substitute for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/382,423
		Filing Date	August 24, 1999
		First Named Inventor	Jeffry Jovan Philyaw
		Group Art Unit	2755
		Examiner Name	Not Yet Assigned
Sheet	1	of 2	Attorney Docket Number
			PHLY-24,739

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Examiner Signature	Rexlin Rux	Date Considered	4/30/03
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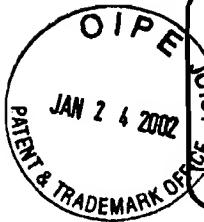
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/382,423
		Filing Date	August 24, 1999
		First Named Inventor	Jeffry Jovan Philiaw
		Group Art Unit	2755
		Examiner Name	Not Yet Assigned
Sheet	2	of	2
		Attorney Docket Number	
		PHLY-24,739	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>PSB</i>	102	PCT Notification of Transmittal of International Preliminary Examination Report; International Application No. PCT/US00/21494; 12/12/2001; 7 pages	

Examiner Signature	Renee Rue	Date Considered	4/30/03
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. PHLY-24,739	SERIAL NO. 09/382,423
		APPLICANT Jeffry Jovan Philyaw and David Kent Mathews	
		FILING DATE August 24, 1999	GROUP XXXXXX

PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
LS	1	3,668,312	06/06/72	Yamamoto, et al.	178	6.8	04/02/70
NB	2	4,042,792	08/16/77	Pakenham, et al.	179	90	01/26/76
NVS	3	4,621,259	11/04/86	Schepers, et al.	340	707	03/18/83
NS	4	4,654,482	03/31/87	DeAngelis	379	95	11/07/84
NVS	5	4,816,904	03/28/89	McKenna, et al.	388	84	04/10/87
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NVS	7	4,841,132	06/20/89	Kajitani, et al.	235	472	07/16/87
NVS	8	4,894,789	01/16/90	Yee	364	521	02/22/88
	9	4,899,370	02/06/90	Kameo, et al.	379	104	06/13/88
	10	4,905,094	02/27/90	Pocock, et al.	358	342	06/30/88
	11	4,907,264	03/06/90	Seiler, et al.	379	355	09/14/88
	12	4,937,853	06/26/90	Brule, et al.	379	96	05/03/89
	13	4,947,028	08/07/90	Gorog	235	381	07/19/88
	14	4,975,948	12/04/90	Andresen, et al.	379	355	10/13/89
	15	4,984,155	01/08/91	Geier, et al.	364	401	08/29/88
	16	5,128,752	07/07/92	Von Kohorn	358	84	10/25/90
	17	5,144,654	09/01/92	Kelley, et al.	379	356	03/22/91
	18	5,247,347	09/21/93	Litteral, et al.	358	85	09/27/91
	19	5,262,860	11/16/93	Fitzpatrick, et al.	358	142	04/23/92
	20	5,285,278	02/08/94	Holman	358	142	05/21/92
	21	5,287,181	02/15/94	Holman	348	473	08/20/92
	22	5,305,195	04/19/94	Murphy	364	401	03/25/92
	23	5,319,454	06/07/94	Schutte	348	5.5	11/13/90
	24	5,357,276	10/18/94	Banker, et al.	348	7	12/01/92
	25	5,438,355	08/01/95	Palmer	348	1	04/16/93
	26	5,446,490	08/29/95	Blahut, et al.	348	7	10/23/92
	27	5,446,919	08/29/95	Wilkins	455	6.2	10/09/91
	28	5,570,295	10/29/96	Isenberg, et al.	364	514	03/18/94

<i>MJS</i>	29	5,604,542	02/18/97	Dedrick	348	552	02/08/95
<i>MJS</i>	30	5,640,193	06/17/97	Wellner	348	7	08/15/94
<i>MJS</i>	31	5,664,110	09/02/97	Green, et al.	705	26	12/08/94
<i>MJS</i>	32	5,708,780	01/13/98	Levergood, et al.	395	200.12	06/07/95
<i>MJS</i>	33	5,715,314	02/03/98	Payne, et al.	380	24	10/24/94
<i>MJS</i>	34	5,724,424	03/03/98	Gifford	380	24	11/29/95
<i>LR</i>	35	5,761,606	06/02/98	Wolzien	455	6.2	02/08/96
<i>LR</i>	36	5,768,528	06/16/98	Stumm	395	200.61	05/24/96
<i>MJS</i>	37	5,774,870	06/30/98	Storey	705	14	12/14/95
<i>MJS</i>	38	5,790,793	08/04/98	Higley	395	200.48	04/04/95
<i>MJS</i>	39	5,794,210	08/11/98	Goldhaber, et al.	705	14	12/11/95
<i>MJS</i>	40	5,905,251	05/18/99	Knowles	235	472.01	07/11/97
<i>MJS</i>	41	5,907,793	05/25/99	Reams	455	3.1	08/03/95
<i>WD</i>	42	5,933,829	08/03/99	Durst, et al.	707	40	11/08/97
EXAMINER	<i>Benjamin Brown</i>		DATE CONSIDERED	4/30/03			
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